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Richard Emberton

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EXAMINER

SIDDIQI, MOHAMMAD A

ART UNIT

PAPER NUMBER

2454

MAIL DATE

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

**Supplemental
Notice of Allowability**

Application No.

10/510,196

Examiner

MOHAMMAD A. SIDDIQI

Applicant(s)

EMBERTON ET AL.

Art Unit

2454

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 06/09/2008.
2. ☒ The allowed claim(s) is/are 1,3,4,6,7,9,10,12,13,15,16,18,19,21, and 22 (please rearrange claims 1-15).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date t
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date ____.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

/Nathan J. Flynn/
Supervisory Patent Examiner, Art Unit 2454

SUPPLEMENTAL DETAILED ACTION

1. Claims 1, 3-4, 6-7, 9-10, 12-13, 15-16, 18-19, and 21-22 are allowed.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Sean Parmenter on 02/10/2010.

Please replace the claims as follows:

IN THE CLAIMS:

1. (Previously Presented) A method of processing notifications issued by a plurality of computer processes, at least some of the notifications notifying a user of a business event that requires the user to make a decision, the method comprising the steps of:

providing a notification server, coupling the notification server to the plurality of computer processes and enabling a user device of the user to couple to the notification server over a network, the notification server being configured to receive the notifications from the plurality of computer processes;

receiving the notifications in the notification server over the network;

providing a notification application running on the notification server, the notification application being configured to process the received notifications and enable user interaction with the processed notifications over the network via the user device;

filtering, by the notification application, the received notifications to identify those of the received notifications that require a decision from the user;

coupling the user device to the notification application;

causing links to the identified notifications to be displayed on the user device by the notification application;

receiving a user interaction from the coupled user device indicating a selection by the user of one of the displayed links to the identified notifications;

displaying, on the coupled user device, the received notification that corresponds to the selected link;

requesting that the user make a decision relative to the displayed notification and sending the decision from the user device to the notification application over the network;

generating a reply to the displayed notification within the notification application and according to the decision made by the user;

formatting the generated reply according to the computer process of the plurality of computer processes that issued the displayed notification, and

sending, over the network, the formatted reply from the notification application to the computer process that issued the displayed notification, without requiring the user to log onto the computer process that issued the displayed notification.

2. (Canceled)

3. (Original) The method of claim 1, wherein the link displaying step displays the links in a portal.

4. (Previously Presented) The method of claim 1, wherein the link displaying step is carried out with the user device being a mobile device.

5. (Canceled)

6. (Original) The method of claim 1, wherein the link displaying step displays a link to each of the received notifications.

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7. (Previously Presented) A computer system for processing notifications issued by a plurality of computer processes, at least some of the notifications notifying the a user of a business event that requires the user to make a decision, comprising:

- a network;

- a notification server coupled to the network and configured to receive the notifications from the plurality of computer processes over the network;

- a user device configured to couple to the notification server over the network;

- a notification application running on the notification server, the notification application being configured to process the received notifications and enable user interaction with the processed notifications over the network via the user device;

- a plurality of processes spawned by at least one of the notification server and the user device, the processes including processing logic for:

 - receiving the notifications over the network;

 - filtering, by a notification application running on the notification server, the received notifications to identify those of the received notifications that require a decision from the user;

 - causing links to the identified notifications to be displayed on the user device by the notification application;

 - receiving a user interaction from the coupled user device indicating a selection by the user of one of the displayed links to the identified notifications;

 - displaying, on the coupled user device, the received notification that corresponds to the selected link;

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requesting that the user make a decision relative to the displayed notification and sending the decision from the user device to the notification application over the network;

generating a reply to the displayed notification within the notification application and according to the decision made by the user;

formatting the generated reply according to the computer process of the plurality of computer processes that issued the displayed notification, and

sending, over the network, the formatted reply from the notification application to the computer process that issued the displayed notification, without requiring the user to log onto the computer process that issued the displayed notification.

8. (Canceled)

9. (Original) The computer system of claim 7, wherein the link displaying step displays the links in a portal.

10. (Previously Presented) The computer system of claim 7, wherein the displaying step is carried out with the user device being a mobile device.

11. (Canceled)

12. (Original) The computer system of claim 7, wherein the link displaying step displays a link to each of the received notifications.

13. (Currently Amended) A non-transitory machine-readable storage medium having data stored thereon representing sequences of instructions which, when executed by a computing device, causes said computing device to process notifications issued by a plurality of computer processes, at least some of the notifications notifying the user a user of a user device of a business event that requires the user to make a decision, by performing the steps of:

coupling the computing device to the plurality of computer processes over a network and enabling the user device to couple to the computing device over a network;
configuring the computing device to receive the notifications over the network;
receiving the notifications in the computing device;

filtering, by a notification application running on the notification server, the notifications received by the notification server to identify those of the received notifications that require a decision from the user, the notification application being configured to enable user interaction with the filtered notifications over the network via the user device;

causing links to the identified notifications to be displayed on the user device, by the notification application;

receiving a user interaction from the coupled user device indicating a selection by the user of one of the displayed links to the identified notifications;

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displaying, on the coupled user device, the received notification that corresponds to the selected link;

requesting that the user make a decision relative to the displayed notification and sending the decision from the user device to the notification application over the network;

generating a reply to the displayed notification according to the decision made by the user;

formatting the generated reply according to the computer process of the plurality of computer processes that issued the displayed notification, and

sending, over the network, the formatted reply from the notification application to the computer process that issued the displayed notification, without requiring the user to log onto the computer process that issued the displayed notification.

14. (Canceled)

15. (Currently Amended) The non-transitory machine-readable storage medium of claim 13, wherein the link displaying step displays the links in a portal.

16. (Currently Amended) The non-transitory machine-readable storage medium of claim 13, wherein the user device is a mobile device.

17. (Canceled)

18. (Currently Amended) The non-transitory machine-readable storage medium of claim 13, wherein the link displaying step displays a link to each of the received notifications.

19. (Previously Presented) A method for a mobile device to process notifications issued by a plurality of computer processes, at least some of the notifications notifying a user of the mobile device of a business event that requires the user to make a decision, the method comprising the steps of:

providing a notification server that is selectively accessible to the mobile device over a network and that is configured to receive and process the notifications from the plurality of computer processes over the network;

receiving, by the notification server, the issued notifications;

providing a notification application running on the notification server, the notification application being configured to process the received notifications and enable user interaction with the processed notifications over the network via the mobile device;

filtering, by the notification application, the notifications received by the notification server to identify those of the received notifications that require a decision from the user;

causing links to the identified notifications to be displayed on the mobile device;

sending, from the mobile device to the notification application, a user interaction indicating a selection by the user of one of the displayed links to the identified notifications;

displaying on the mobile device the received notification that corresponds to the selected link;

requesting that the user make a decision on the mobile device relative to the displayed notification and sending the decision from the mobile device to the notification application over the network;

generating a reply to the displayed notification within the notification application according to the decision made by the user;

formatting the generated reply according to the computer process of the plurality of computer processes that issued the displayed notification, and

sending, over the network, the formatted reply from the notification application to the computer process that issued the displayed notification, without requiring the user to log onto the computer process that issued the displayed notification.

20. (Canceled)

21. (Original) The method of claim 2019, wherein the link providing step displays the links in a portal accessible to the mobile device and to the user.

22. (Original) The method of claim 2019, wherein the link displaying step provides a link to each of the received notifications.

23 -32. (Canceled)

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MOHAMMAD A. SIDDIQI whose telephone number is (571)272-3976. The examiner can normally be reached on Monday -Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J. Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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